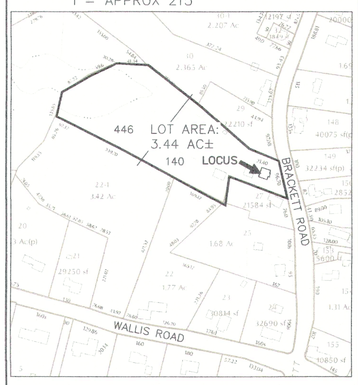
PLOT PLAN/LOCUS MAP

1"= APPROX 215'



SOIL CLASS: 140–CHATFIELD–HOLLIS–CANTON
446–SCITUATE–NEWFIELDS
(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 COR BRICK LANDING EL 52.75

#2 SET HUB EL 51.03

#3 WATER SHUT–OFF EL 50.26

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 48.2 WHICH IS NO MORE THAN 3' BELOW EXISTING GROUND AT THE HIGH CONTOUR THE DESIGNED EDS. (ELEV 51.2)

SUITABLE REPLACEMENT AREA:

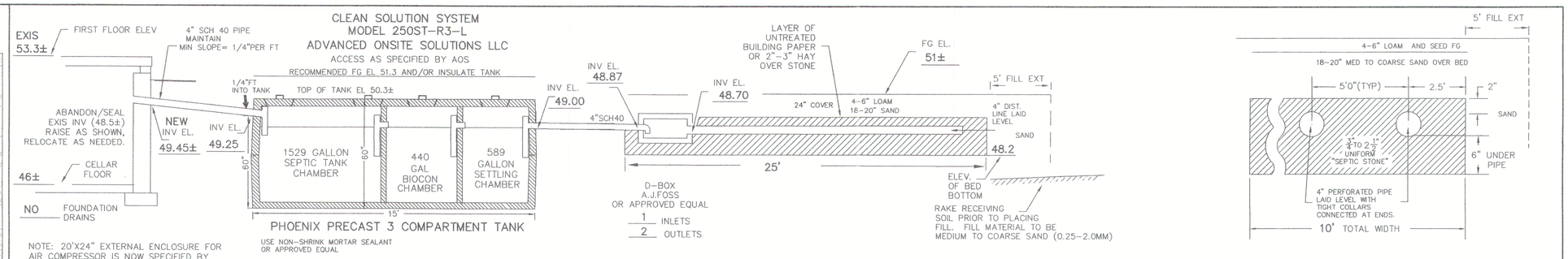
MUST BE DETERMINED BY RESUBMITTAL PER ENV–WQ 1003.10

LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   SURVEY PLAN IN TOWN OF RYE FILES
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD
   REFERENCE RCRD 1769–388 (1965)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 100'
   b) NO POTABLE (DRINKING WATER) WELLS WITHIN 75' OF PROPOSED SYSTEM
   c) NO HYDRIC B SOILS WITHIN 75'
   d) NO HYDRIC A SOILS WITHIN 75'
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404) INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
6. PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS. THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL
7. THE CLEAN SOLUTION CONTRACT AND SPECIFICATIONS ARE INCORPORATED AS INTEGRAL COMPONENTS OF THIS PLAN.

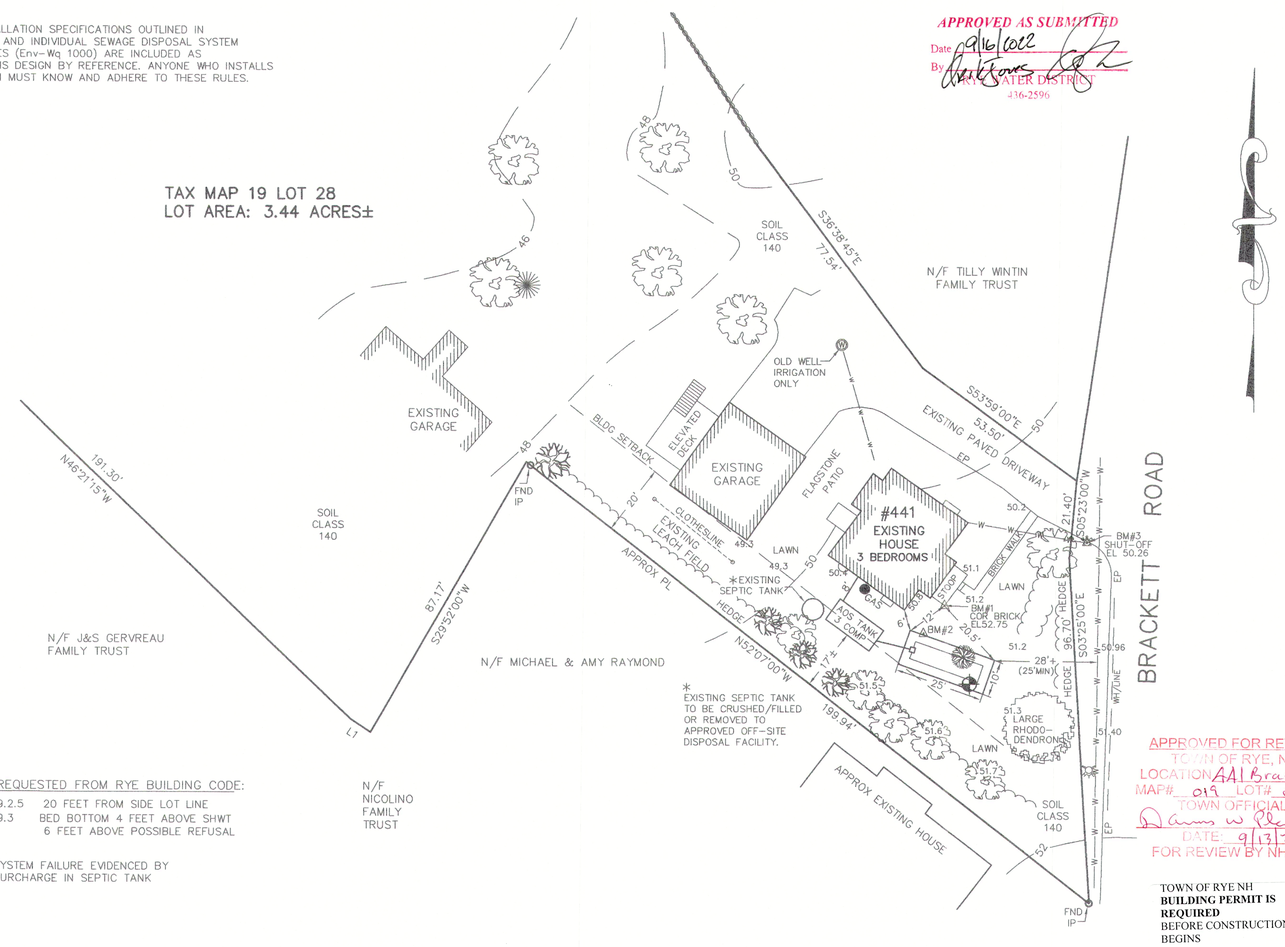


CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'

NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env–Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.

APPROVED AS SUBMITTED
Date 9/16/2022
By
RYE WATER DISTRICT
436-2596



WAIVERS REQUESTED FROM RYE BUILDING CODE:

ARTICLE 7.9.2.5 20 FEET FROM SIDE LOT LINE
ARTICLE 7.9.3 BED BOTTOM 4 FEET ABOVE SHWT
6 FEET ABOVE POSSIBLE REFUSAL

EXISTING SYSTEM FAILURE EVIDENCED BY CHRONIC SURCHARGE IN SEPTIC TANK

APPROVED FOR REVIEW
TOWN OF RYE, NH
LOCATION 441 Brackett Rd
MAP# 019 LOT# 028
TOWN OFFICIAL:
DATE: 9/13/22
FOR REVIEW BY NHDES

TOWN OF RYE NH
BUILDING PERMIT IS REQUIRED
BEFORE CONSTRUCTION BEGINS

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: AUGUST 30, 2022

TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 ELEV 51.1

0 –12 "	10YR4/4 FINE SANDY LOAM & ROOT MAT, GRANULAR FRIABLE
12–36"	10YR4/6 GRAVELLY LOAMY SAND WITH STONES TO 10" GRANULAR FRIABLE TO LOOSE
36–60"	10YR3/6 GRAVELLY MED TO COARSE SAND, SINGLE GRAIN, LOOSE
60–84"	2.5Y5/4 SILTY FINE SANDY LOAM W/ MOTTLES MASSIVE, FIRM

ESHWT @ 60", NO OBSERVED WATER
NO REFUSAL TO 96", ROOTS TO 48"+

PT PERC TEST DATA

PERC RATE: N/A CLEAN SOLUTION

DESIGN LOADING: EXISTING 3 BEDROOMS

AREA REQUIRED: 100 SF REQUIRED

AREA PROPOSED: 10' X 25' = 250 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 441 BRACKETT ROAD
RYE, NH
TAX MAP 19 LOT 28

OWNER: STEVAN & MANDY HUFF
441 BRACKETT ROAD
RYE, NH 03870

APPLICANT:
STOCKTON SERVICES
247 LANDING ROAD
HAMPTON, NH 03842
603 929–7404

DATE: SEPTEMBER 12, 2022

APPROVAL:

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Anne W. Bialobrzeski No. 348 Department of Environmental Services

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REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Date: 9/16/2022
#eCA2022091629

RECEIVED
SEP 13 2022
BUILDING DEPT
TOWN OF RYE NH